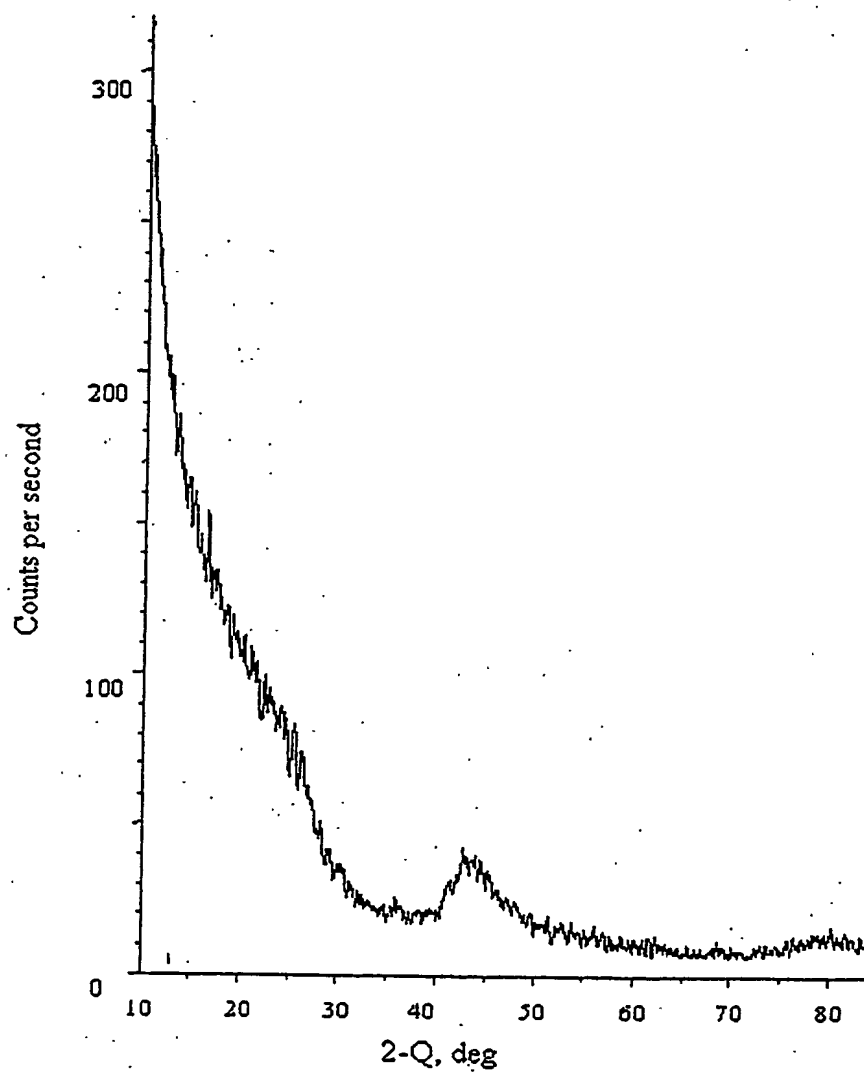


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FIG. 1

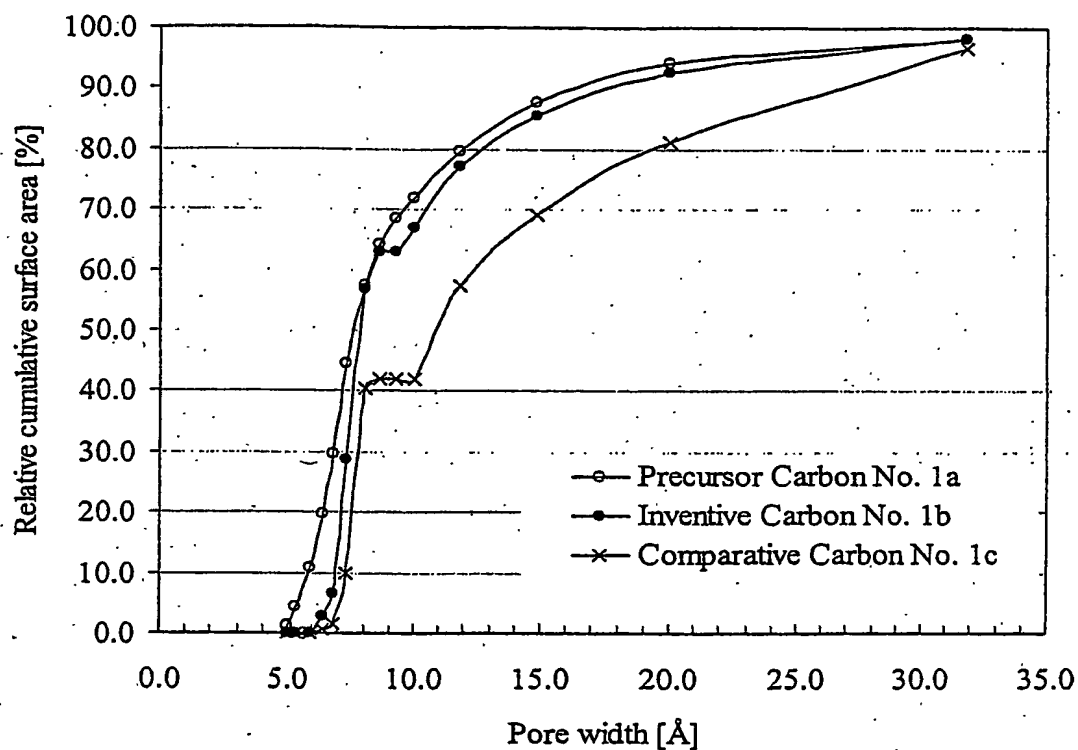
Characteristic XRD spectrum by $\text{CuK}\alpha$ -radiation of inventive carbon powders of carbide origin.



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FIG. 2

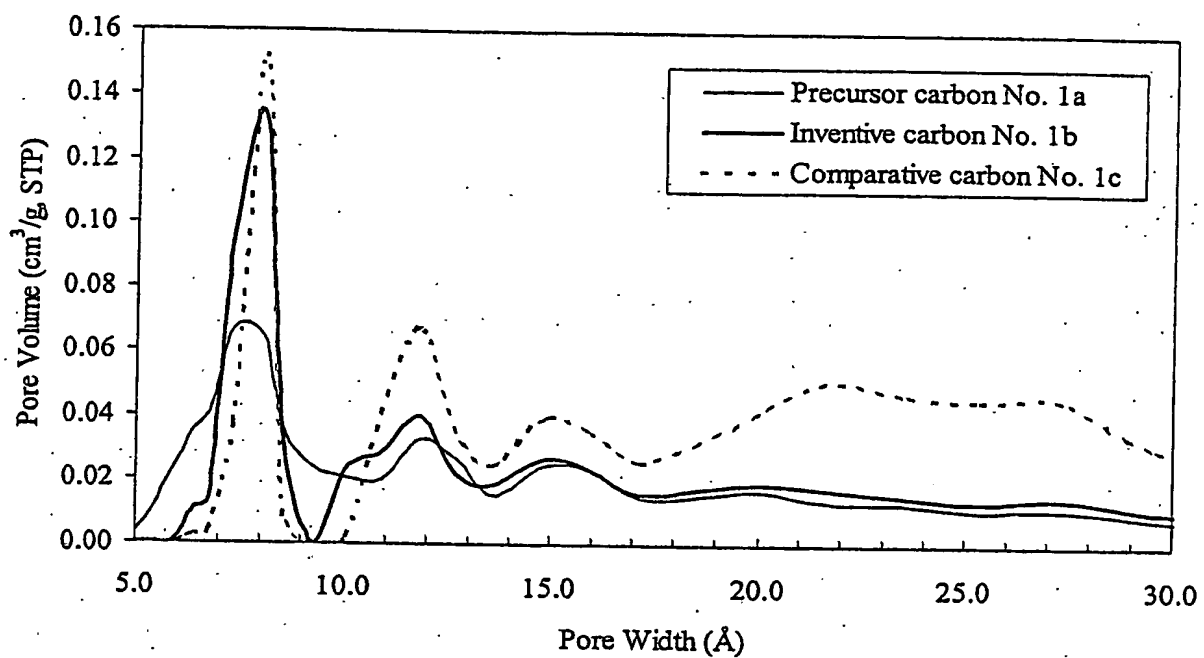
An effect of different oxidative treatments on the pore size distribution of the high-surface area microporous carbon (1a) according the Density Functional Theory.



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FIG. 3

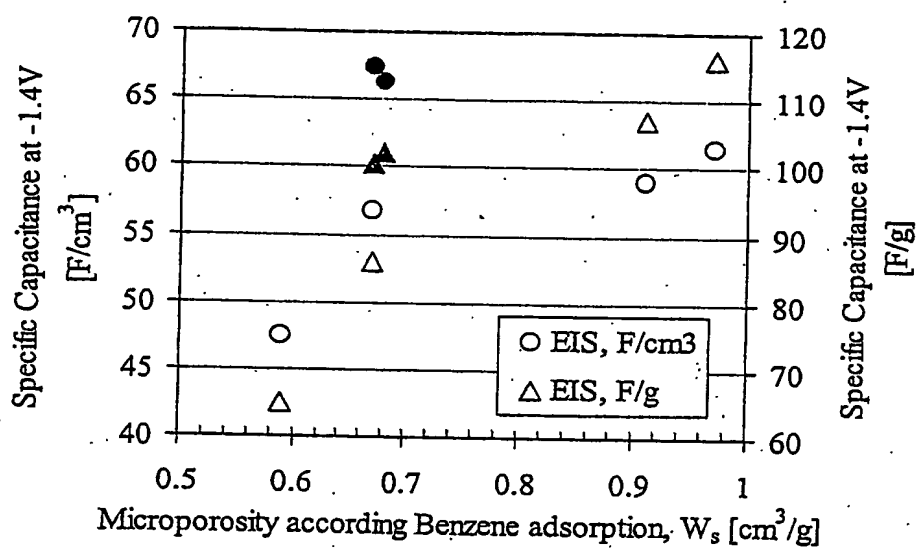
Comparison of the pore size distribution of the high-surface area microporous carbon materials of TiC origin according the Density Functional Theory.



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FIG. 4

Dependence of micro-porosity and specific capacitance according to impedance spectroscopy of microporous carbon electrodes of TiC origin in 1M TEMA / acetonitrile electrolyte. The empty symbols correspond to the precursor and comparative materials, the filled patterns to the inventive materials.



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FIG. 5

Ragone Plot of "1000F" unpacked supercapacitors showing the advantage of inventive carbon materials (cation-active electrode from the carbon 1b).

